

AMENDMENTS TO THE CLAIMS:

Please amend claims 6 and 10 – 19 and add new claims 20 and 21 as follows:

1. (Original) A sealing arrangement comprising:

a sealing strip made of a substantially incompressible material, for sealing between a first and a second component part which have been joined together, wherein the sealing strip is adapted to be inserted into a groove present on the first component part, and the sealing strip exhibits a substantially constant width along the main portion of its length and at least one protrusion on the sealing strip, wherein the sealing strip is intended to be pinched into said groove at this portion; and

said at least one protrusion exhibits a recess which is intended to be at least partially compressed by said pinching.

2. (Original) The sealing arrangement as recited in claim 1, further comprising:

said recess is designed as a lead-through.

3. (Original) The sealing arrangement as recited in claim 2, further comprising:

said sealing strip exhibits a lower delimitation surface intended to abut against a bottom surface formed in said groove, and an upper delimitation surface intended to abut against said second component part; and

the lead-through extends through the protrusion in a direction between said upper delimitation surface and lower delimitation surface.

4. (Original) The sealing arrangement as recited in claim 1, further comprising:

said protrusion exhibits an upper delimitation surface and a lower delimitation surface and a projection of the upper and lower delimitation surfaces of the protrusion in parallel with the width of the sealing strip are located between the upper and lower delimitation surfaces of the sealing strip.

5. (Original) The sealing arrangement as recited in claim 4, further comprising:

said protrusion exhibits an extension in height-direction which is smaller than the extension in height-direction of the sealing strip.

6. (Currently Amended) The sealing arrangement as recited in claim 1, further comprising:

said upper delimitation surface of the sealing strip, the lower delimitation surface, and portions of a side surface of the sealing strip where the protrusion is arranged, are designed with the surface perpendiculars of these surfaces in a continuous direction, whereas the direction of the surface perpendicular of an outer side surface of the protrusion facing away from the sealing strip changes direction so that the scalar product between the surface perpendicular of this outer side surface and a vector along the longitudinal direction of the sealing strip in this portion shifts sign on both sides of the recess in the longitudinal direction of the sealing strip.

7. (Original) The sealing arrangement as recited in claim 1, further comprising:

said protrusion exhibits an outer side surface facing away from the sealing strip, and an inner side surface facing towards the sealing strip, that the inner side surface is curved and exhibits a maximum radius of curvature R_i , and that the outer side surface is curved and exhibits a maximum radius of curvature R_y , wherein the maximum radius of curvature of the outer side surface is larger than the maximum radius of curvature of the inner side surface.

8. (Original) The sealing arrangement as recited in claim 1, further comprising:

said sealing strip is designed as an endless strip.

9. (Original) The sealing arrangement as recited in claim 1, further comprising:

said sealing strip is designed with a longitudinal direction which varies in three dimensions.

10. (Currently Amended) A component assembly comprising a first component part and a second component part, and a sealing strip which is designed to be inserted into a groove being present on the first component part, wherein the sealing strip exhibits a substantially constant width along the main portion of its length and at least one protrusion on the sealing strip, and the sealing strip at this portion is intended to be pinched into said groove, and said at least one protrusion exhibits a recess which is intended to be at least partially compressed by said pinching.

11. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said recess is designed as a lead-through.

12. (Currently Amended) The component assembly as recited in claim ~~10~~ 11, further comprising:

said sealing strip exhibits a lower delimitation surface intended to abut against a bottom surface formed in the groove, and an upper delimitation surface intended to abut against said second component part; and

the lead-through extends between said upper delimitation surface and lower delimitation surface.

13. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said protrusion exhibits an upper delimitation surface and a lower delimitation surface;
and

a projection of each of the upper and lower delimitation surfaces of the protrusion in parallel with the width of the sealing strip are located between the upper and the lower delimitation surfaces of the protrusion.

14. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said protrusion exhibits an extension in height-direction which is smaller than the extension in height-direction of the sealing strip.

15. (Currently Amended) The component assembly as recited in claim 13, further comprising:

said upper delimitation surface of the sealing strip, the lower delimitation surface, and portions of a side surface of the sealing strip where the protrusion is arranged, are designed with a continuous direction of the surface perpendiculars of these surfaces, whereas the direction of the surface perpendicular of a side surface of the protrusion, facing away from the sealing strip, changes direction so that the scalar product between the surface perpendicular of this outer side surface and a vector along the longitudinal direction of the sealing strip in this portion shifts sign on both sides of the recess in the longitudinal direction of the sealing strip.

16. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said protrusion exhibits an outer side surface facing away from the sealing strip and an inner side surface facing towards the sealing strip, that the inner side surface is curved and exhibits a maximum radius of curvature R_i and that the outer side surface is curved and exhibits a maximum radius of curvature R_y , wherein the maximum radius of curvature of the outer side surface is larger than the maximum radius of curvature of the inner side surface.

17. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said sealing strip is designed with a sufficient number of protrusions in order to enable self-supporting installation in the groove.

18. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said groove and the sealing strip are designed in an endless way.

19. (Currently Amended) The component assembly as recited in claim 10, further comprising:

said sealing strip and the groove are designed with a longitudinal direction varying in three dimensions.

20. (New) A sealing arrangement comprising:

a sealing strip made of a substantially incompressible material, for sealing between a first and a second component part which have been joined together, wherein the sealing strip is adapted to be inserted into a groove present on the first component part, and the sealing strip exhibits a substantially constant width along the main portion of its length and at least one protrusion on the sealing strip, for positioning the sealing strip in the longitudinal direction relative to said first component part, which protrusion extends in a direction different from the sealing direction, wherein the sealing strip is intended to be pinched into said groove at this portion; and

said at least one protrusion exhibits a recess which is intended to be at least partially compressed by said pinching while reducing the change of height of the sealing strip caused by said pinching.

21. (New) A component assembly comprising a first component part and a second component part, and a sealing strip which is designed to be inserted into a groove being present on the first component part, wherein the sealing strip exhibits a substantially constant width along the main portion of its length and at least one protrusion on the sealing strip for positioning the sealing strip in the longitudinal direction relative to said first component part, which protrusion extends in a direction different from the sealing direction, and the sealing strip at this portion is intended to be pinched into said groove, and said at least one protrusion exhibits a recess which is intended to be at least partially compressed by said pinching while reducing the change of height of the sealing strip caused by said pinching.